Tomás Hernández

Buenos Aires City, Argentina · linkedin.com/in/tomihq · hernandeztomas584@gmail.com

Software Developer with over 4 years of experience building scalable, accessible and user solving solutions. I bring a wide approach that includes backend and frontend development, SEO optimization, user experience design, and Linux infrastructure deployment. I actively take part during the development of the product, including it's marketing campaign and distribution. I am constantly looking for improvements and thriving in dynamic, collaborative environments.

PROFESSIONAL EXPERIENCE

DocDental   **Germany**
Project Leader   *July 2024 - Present*

- Backend development using TypeScript and Node.js, ensuring a scalable and efficient architecture.
- I built the frontend with Next.js and Angular, optimizing user experience and cross-device performance.
- Configuration and management of Linux servers to ensure high availability and production security.
- Administration of DNS configuration and maintenance to guarantee accurate resolution and service accessibility.
- Management of scheduled execution of key processes via Cron Jobs, including app revalidation and cache clearing, minimizing full redeployments and optimizing costs and efficiency from the Cloud Providers.
- Led the frontend internationalization process, adapting the product to different regions, while upgrading and expanding global usability.

Procurement of the National Treasury   **Recoleta, Buenos Aires**
Senior Software Engineer   *August 2023 - April 2024*

- Led the modernization of the SIGEJ platform, migrating from a legacy architecture (PHP, Ajax, jQuery) to a modern stack with Python, Next.js, TailwindCSS, PostgreSQL, Redis, and Docker.
- Analyzed the entire system —from processes, stakeholders, architecture, and databases— documenting each component and limitations, which helped to design a scalable and sustainable solution.
- Along the team we defined an optimized a new data model, identifying inconsistencies in the previous version while ensuring functional equivalence and data integrity
- Implementation of physical and logical replications while being documented, allowing a parallel app development without exposing the original database.
- Managed the Linux infrastructure on virtual servers and configured CI/CD pipelines with Docker to ensure stable, quality-controlled deployments.
- Acted as technical lead by taking architecture, best tools and practices decisions, actively collaborating on code reviews of teammates, technical planning, and documentation.

Gransliving   **Madrid, Spain**
Full-Stack Developer   *September 2022 - Present*

- Improved web performance, raising Lighthouse score from 45 to 89 and enhancing SEO and accessibility with optimizations in Next.js.
- Developed the backend using Express with load balancing for both the main site and admin dashboard.
- Designed UI components with a strong focus on user experience, enriching navigation and conversion rates.
- Analyzed Google Search Console metrics to improve internal linking and search ranking. Participated in technical meetings to align monthly goals with the CTO

Necxus Negocios Informáticos   **Villa Devoto, Buenos Aires**
Full-Stack Developer   *September 2021 - October 2022*

- Implemented multi-currency and multi-method payment solutions using design patterns and SOLID principles.
- Built a real-time messaging system integrated with the WhatsApp API.
- Integrated third-party APIs such as MercadoPago, Payway, and Producteca to expand platform capabilities.
- Led the rapid implementation of key payment methods and discounts during CyberMonday.

EDUCATION

UNIVERSITY OF BUENOS AIRES   **Buenos Aires, Argentina**
Bachelor in Computer Science   *March 2023 - Present*

ESCUELA TÉCNICA N35 Ing. E. Latzina   **Buenos Aires, Argentina**
Computer Technician   *March 2015 - December 2020*

TECHNICAL SKILLS

- Programming Languages: PHP, TypeScript, C, Python.
- Frameworks & Libraries: React, Next.js, Node.js, Express, jQuery, Ajax
- Frontend & UI: HTML, CSS, TailwindCSS, Bootstrap
- Databases: PostgreSQL, MySQL, MongoDB, Redis, Memcached
- ORMs: Prisma, Sequelize
- DevOps & Backend Infrastructure: Docker, Linux, Cron, Cloudflare, AWS (S3)

ADDITIONAL SKILLS

- Software Architecture
- Technical Documentation
- Design Patterns
- Scrum

LANGUAGES

- Spanish Advanced (Native)

- English Upper-Intermediate (B2 Level) –Currently improving conversational skills
- German Basic (A2 Level)